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Before The
Federal Communications Commission
Washington, D.C. 20555

PETITION FOR RULE CHANGE

Petitioner)
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RM Docket Number _____

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Changes Requested in FRS - MURS - GMRS - Part 90 IB Business Band Radio Service's:

The Federal Communications Commission did not address the need for some more Unlicensed frequencies in the UHF range as Motorola requested for Business Band use un-licensed as the commission past revisions and reviews.

There is a need for additional FRS frequencies as the current ultra short range radio communications plan is now being stretched to its useful extents in some metro areas of the country

There was a request for Emergency Call channel a few months ago that could not be implemented because the commission had allowed the manufacture and imports of FRS radio that could block out FRS channel's with out the required monitoring before the transmitter was engaged.

This proposal would address the future changes requested in the Technical Changes in future manufacture of the FRS and the MURS radios, as well as make accommodations for some UHF future MURS frequencies that are needed.

The Frequencies 464.5375 Mhz, 464.5125 Mhz, 464.5375, 464.5725 Mhz, 469.5375, 469.5125 Mhz, 464.5375 Mhz and 469.5725 Mhz would be shared with the FRS radio Service on a Secondary basis, and the MURS radio service in part 95. In the FRS radio plan the power would be limited to the current 500 mW. In the MURS -UHF Service the RF power output level would be raised to 1 watt for MURS.

One of the above Channels would be restricted to Emergency & Calling Only in the above proposed plan. New Radios must have provisions not to use tone blocking squelch in decode on the Emergency and Calling channel. The squelch system must use carrier or noise squelch to mute the receiver only on the assigned Emergency and Calling Channels. The New System will be called the FRS-II System and the MURS-II/U.

Under this proposal the MURS radio frequencies would still allow for Business Band use of the frequencies in the area of 1 wan's or more, with a license by the commission upon a showing of a need to communicate with FRS type radios for safety services need's. The Rules would be changes to allow intercommunications upon a need. A example would be a SKI resort that would

have a Licensed Business Band Station on one of the non emergency and calling channels to assist with the SKI Patrol, Rescue, Police Functions. Another example would be to allow the the general public to use there FRS radios at special public events for Emergency's like Football Games, State Fairs, and other large scale short term events to contact the police direct.

The more allowable power for the Licensed Part 90 Stations would also assist in "Broadcast" messages to the general area of a event such as "Lost Kids", or "Storm / Weather watches".

All existing FRS manufactured and in production would not change in a costly mass change under this proposal. Only New Equipment manufactured in the future under the FRS-II or the MURS-II/U would have to comply with the new technical standards.

Witch ever frequency is chose for the new emergency & calling channel the receiver squelch shall be in a mode not to programmed to have tone blocking. However the common government encoded sub audio tone 100.0 cps shall be transmined along with the F3 Frequency Modulation emission on the Emergency and Calling Channel. When the radio equipment is operated on the Emergency and Calling Channel a time will limit the Transmitter to no more than 25 seconds per key send. at the end of the time out the receiver will beep to indicate its in receive. This time out timer on the FRS II and the MURS-II/U radio in the hands of Police / Fire / EMS / Rescue / Private Aid Org's by be disabled and the manufactures may re program to a 3 min timer.

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In this proposal it is requested that some additional ultra-ultra short range frequencys be also shared with the current part 90 IB pool with a power level of 1/10 watt output and 1/100 wan output. Input for the general public and the manufactures should arrive at a additional number of channels with RF power levels in the 100mW and 10 mw area for ultra - ultra short range communications. Only the Base or Repeater Output Channels shall be used not to cause interference to keying of other licensed repeaters. The 8 common Repeater / Base output of the GMRS should be used for the proposed 100mW or 1/10 Watt RF power level on a share basis. This would add additional 7 frequencys to the FRS II system. The 462.675 Mhz would not be included in this rule making. The frequencys 464.500 Mhz and 464.550 Mhr with a RF power Level of 1/100 Watt or 10mW would be authorized for the FRS-II system.

The MURS-II/U, FRS-II, and the Part 90 IB systems would would have pre-programmed RF levels that would switch from frequency to frequency based on need of range the users could use the ultra short range / ultra . ultra short range or Less as need.

It would also suggested in this proposal to allow all existing stations licensed on the frequency to be the Primary user, and could request direct action against subject causing harmful interference to systems to comply. In any shared system the primary users shall be the Licensed over the unlicensed and future enforcement is the subject of protection. The FCC should place in notice that the some future 12.5 kc or 6.25 kc offsets of part 90 will be allotted to the FRS and the MURS systems on a basis The need notice that they will be shared in a future date is needed.

The current GMRS radio system as Licensed within the United States could also use the FRS and MURS frequencys with 2 watt if the need for public service and public safety events without FCC approval. Call Sign must be used and only for public safety events and public emergencies rescues operations may the GMRS use the FRS / MURS frequencys at the 2 Watt Level.

Submitted.

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